MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH 1955

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

MARCH 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.2	58.1	58.1	58.1	24.0	18.4	19.4	23.9	20.6	21.3
2	56.6	56.2	57.1	56.6	25.1	15.9	22.1	22.8	19.4	21.4
3	59.5	59.5	60.5	59.8	24.5	13.8	17.4	18.4	15.9	17.2
4	61.2	60.2	60.2	60.5	19.2	12.2	16.1	18.8	14.4	16.4
5	59.1	58.7	58.7	58.8	16.5	10.4	14.2	14.7	14.7	14.5
6	59.0	59.0	60.5	59.5	16.0	12.4	11.9	15.1	13.3	13.4
7	61.6	61.5	62.2	61.8	18.0	11.1	14.0	17.9	13.7	15.2
8	62.7	61.4	61.0	61.7	18.0	14.0	13.8	17.4	15.2	15.5
9	57.3	54.3	52.2	54.6	22.7	16.2	16.1	21.1	22.0	19.7
10	55.5	54.7	55.5	55.2	20.8	14.9	17.8	20.5	16.2	18.2
11	56.7	56.5	57.3	56.8	19.5	10.9	16.7	18.7	15.6	17.0
12	56.3	56.1	56.7	56.4	18.5	13.6	15.3	17.8	15.2	16.1
13	58.9	58.9	59.9	59.2	19.4	12.2	16.8	19.4	13.7	16.6
14	57.1	51.8	51.7	53.5	20.0	14.3	14.7	19.1	17.2	17.0
15	55.2	54.6	54.9	54.9	19.2	10.3	15.7	16.7	12.1	14.8
16	65.0	57.0	57.9	57.0	18.1	11.7	14.7	14.4	13.1	14.1
17	57.9	56.5	58.5	57.6	18.8	9.5	11.9	16.6	15.2	14.6
18	62.4	62.2	63.6	62.7	17.7	10.9	10.6	17.6	14.0	14.1
19	64.0	63.5	64.2	63.9	18.1	11.8	15.6	16.5	13.8	15.3
20	64.4	63.5	63.5	63.8	18.0	12.7	16.5	17.4	14.9	16.3
21	63.9	63.0	63.5	63.5	19.3	13.4	16.8	19.1	16.0	17.3
22	64.3	63.5	63.8	63.9	20.0	13.5	16.9	19.7	16.6	17.7
23	63.8	62.4	62.4	62.9	20.0	13.4	17.1	19.8	15.3	17.4
24	60.4	59.1	58.1	59.2	21.4	15.2	17.2	21.1	18.0	18.8
25	59.9	59.5	60.1	59.8	21.9	14.4	19.1	21.8	16.7	19.2
26	59.9	59.0	59.5	59.5	20.6	13.6	18.2	20.0	15.9	18.0
27	60.3	60.0	61.5	60.6	20.5	12.6	18.4	19.9	13.3	17.2
28	64.1	64.8	66.2	65.0	20.3	13.8	16.3	20.0	15.4	17.2
29	66.2	66 0	66.1	66.1	21.3	15.2	18.1	21.0	16.1	18.4
30	64.4	63.7	63.6	63.9	21.3	15.2	19.2	20 5	16.9	18.9
31	63.1	61.7	61.3	62.0	21.8	16.7	18.6	21.3	18.2	19.4
	60.32	59.58	60.01	59.96	20.02	13.36	16.36	19.00	15.76	17.04

Barometer, range for month 766.2 mm. — 751.7 mm.
„ 71-yr. average for month 761.187 mm.
Thermometer, range for month 25.1°C — 9.5°C
„ 71-yr. average for month 16.16°C
Rain total for month 106.41 mm.
„ 71-yrs average for month 92.54 mm.
„ Total, Sept. 1st. to end of month 608.37
„ 71-yrs. average. Sept. 1st. to end of month 814.84mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	13.0	11.0	14.2	12.7	57	36	60	51	3.8	45.0	
2	8.2	14.1	17.9	13.4	30	51	78	53	5.7	373.0	
3	11.7	11.3	12.1	11.7	61	54	67	61	5.0	272.0	
4	12.1	13.4	11.0	12.2	55	61	68	65	8.9	164.0	
5	12.9	13.4	12.9	13.1	79	83	78	80	2.1	280.0	11.68
6	13.2	12.0	10.1	11.8	97	70	65	77	1.6	290.0	17.52
7	10.1	11.3	9.6	10.3	63	55	61	60	10.1	106.0	0.25
8	10.1	10.7	12.5	11.1	62	55	75	64	7.5	101.0	
9	8.3	14.3	5.7	9.4	45	58	22	42	3.8	303.0	
10	15.9	17.6	14.6	16.0	78	72	81	77	7.5	161.0	
11	13.1	11.9	10.1	11.7	70	54	57	60	5.3	486.0	0.50
12	11.5	12.8	12.0	12.1	68	63	72	68	6.4	484.0	10.93
13	12.6	13.5	11.9	12.7	67	59	80	69	7.5	154.0	2.80
14	12.0	14.5	14.8	13.8	73	66	74	71	4.9	488.0	0.25
15	13.0	14.2	12.3	13.2	75	74	88	79	5.2	367.0	7.37
16	12.5	12.5	12.4	12.5	75	77	84	79	4.2	435.0	9.39
17	12.3	13.6	9.6	11.8	91	73	58	74	4.1	708.0	9.65
18	11.4	11.8	11.9	11.7	90	58	75	74	4.6	282.0	29.97
19	10.6	11.6	11.0	11.1	61	61	70	64	5.1	5.0	3.05
20	12.1	13.3	12.5	12.6	64	66	72	67	9.0	227.0	
21	12.1	14.5	14.1	13.6	66	68	77	70	9.6	208.0	
22	12.1	14.6	13.6	13.4	65	65	73	68	9.6	114.0	
23	12.7	15.8	13.5	14.0	65	67	77	70	9.5	26.0	
24	12.7	14.9	12.3	13.3	64	60	61	62	8.8	253.0	
25	13.4	19.6	16.3	16.4	63	76	87	75	9.2	58.0	
26	15.5	16.3	14.1	15.3	73	69	77	73	8.8	50.0	
27	13.3	15.2	13.4	14.0	64	65	86	72	7.8	238.0	2.54
28	11.6	14.1	13.0	12.9	65	60	75	67	8.8	31.0	0.51
29	13.3	17.7	16.2	15.7	64	72	87	74	9.6	82.0	
30	13.4	17.6	16.8	15.9	62	73	90	75	9.5	166.0	
31	16.0	19.5	19.3	18.3	76	79	91	82	9.4	90.0	
	12.34	14.15	12.96	13.15	67.7	64.5	73.1	68.5	6.87	217.64	3.43

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ci-st	10ci-st	10ci	10.0	1sw	1w	1se	light	H.D. a.m H.M. p.m
2	10ci	9st	10st	9.7	1se	1sw	3sw	„	H. p.m
3	10cu-st	10cu-st	7cu	9.0	1sw	2sw	2w	slight	
4	8cu-st	6cu-st	5cu	6.3	1s	2sw	1sw	light	
5	8cu-st	10st	10st	9.3	1sw	2sw	1sw	„	
6	10ni	10st	10st	10.0	1s	3w	1w	mod.	T. a.m
7	1cu	0	8cu-st	3.0	1sw	1w	1nw	light	
8	7ci	9ci	10st	8.7	1ne	1ne	1ne	„	D. a.m
9	10st	4ci-st	0	4.7	1e	1ne	2e	„	
10	4cu-st	0	6st	3.3	1sw	1w	1w	„	D. a.m p.m H. p.m
11	10cu-st	9cu-st	8cu-st	9.0	2w	2w	1s	light	
12	7cu-st	7cu	1st	5.0	3w	2w	2w	mod.	
13	6cu-st	5cu-ci	9st	6.7	1sw	2w	1w	light	
14	10st	6st	10st	8.7	1ne	1n	3sw	„	
15	9cu-st	10cu-st	1st	6.7	1w	2sw	1sw	„	
16	9cu-st	10st	10st	9.7	3sw	2sw	2sw	slight	
17	10ni	9cu-st	10st	9.7	2sw	4sw	3sw	„	
18	10ni	9cu-st	10st	9.7	3sw	3sw	1se	„	
19	7ci	10st	0	5.7	1se	1nw	1e	light	M.p. m
20	0	3cu-st	0	1.0	1e	1n	2ne	„	M. p.m.
21	0	1cu	1st	0.7	1ne	2ne	3ne	light	D. a.m M.p.m
22	0	1cu-st	0	0.3	1e	1n	2ne	„	D. a.m.
23	0	1ci	0	0.3	1ne	1n	1ne	„	D. a.m
24	10ci	10ci-st	0	6.7	1nw	1n	2ne	„	D. a.m
25	1cu-ci	1cu	0	0.7	1sw	1sw	1sw	„	D. p m
26	0	6cu-ci	0	2.0	1sw	1n	1n	light	D.a m
27	1cu	8cu-st	10st	6.3	1sw	2sw	1e	„	D. a.m
28	0	1ci	0	0.3	1sw	1w	1sw	„	M. p.m
29	1ci	7ci	0	2.7	1sw	1sw	1e	„	D. a.m M.p.m
30	10ci	1ci	0	3.7	1se	1n	1ne	„	H. a.m. D.a.m p.m
31	0	0	0	0.0	1n	1ne	2ne	„	D. a.m p.m HMpm
	mean			5.47					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	4	3	3	2	14	3	1	0	31
14:30	7	4	0	0	0	11	8	1	0	31
20:30	1	8	4	2	1	9	5	1	0	31
Total	9	16	7	5	3	34	16	3	0	93

Number of days with rain 14, fog 1, thunderstorms 1, gale. 0
71 yr. av. number of days with rain during month 10.76